

Webber, O. A.

Polarographic determination of uranium (VI). V. B.  
Vouk, M. Branica, and O. A. Webber (Univ. Zagreb,  
Croatia). Archiv Kem., 22(9-10) (1953) (in English)  
cf. C.A. 45, 8393c-In a soln. contg. 1.6 salicylic  
acid/l., 4 ml. H<sub>2</sub>SO<sub>4</sub>/l., and 0.009% thymol, the diffusion  
current is proportional to the concn. of U (VI) for 5-50  
/ml. with a standard error of 0.8%.  
Procedure: evap. the soln. of U(VI) to dryness with 1 ml.  
HClO<sub>4</sub>. Take up in the supporting electrolyte, and deaerate  
for 10 min. before the polarogram. K.G.S.

MF

WEBER, O. R.

Polarographic behavior of uranium(VI) in a mixture of sulfo acid. O. A. Weber, M. Branka, and V. B. Vass. *Acta Chem. Scand.* 1953, 7, 225-40 (1953) (in English); cf. preceding 2 abstrs.  $E_{1/2}$  (dissolution) for  $4 \times 10^{-4} M$  U(VI) is  $-0.2127 \pm 0.0007$  v. The diffusion coeff. for  $4 \times 10^{-4} M$  U(VI) is  $4.04 \times 10^{-6}$  sq. cm./sec. The diffusion coeff. for Hg in this medium is the satd. calomel electrode. K. G. S.

4-11 55  
PMS

WEBER, O. VALIC, F.

Polarographic determination of uranium in blood. In English. p. 53.  
ARHIV ZA KEMIJU (Hrvatsko kemijsko drustvo i sekcija kemicara Drustva  
inzenjera i tehnicara Hrvatske) Zagreb. Vol. 27, no. 2, 1955.

SOURCE: East European Accessions List (EEAL), LC, Vol. 5, no. 2, Feb. 1956

U.S.S.R., O.R.	Normal values of lead concentration in human blood. V. B. Vouk, Kati (Yugoslav Acad. Sci. and Arts, Zagreb), 227-87 (1959) in 100 men and 65 women. In 27 of these people lead was found to be 100-150 mg. per liter. In blood of 100 men and 65 women the lead concentration was found to be 10-150 mg. per liter. V. Mihailov	4			
Institute of Industrial and Arts, Zagreb, Toksikološki odj.	Hygiene, Yugoslav Academy of Sciences and Arts, Zagreb, Toksikološki odj. Institut za medicinska istraživanje, Zagreb.				

WEBER, O. A.

1584. Treatment of polarographic data by the method of least squares. II. Simultaneous estimation of the diffusion current and the half-wave potential. V. B. Vouk, P. K. Karmalkar and O. A. Weber. (Inst. of Res., Yugoslav Acad. Sci., Zagreb, Yugoslavia). *Archiv Ram.*, 1955, 27 (1), 9-13. The method of least squares has been applied to the simultaneous determination of  $E_{1/2}$  and  $i_0$  with an accuracy slightly greater than that obtained from the usual graphical methods. The method is very well suited to the analysis of composite current-voltage curves, particularly for those metals whose curves tend to coalesce, e.g., those of Pb<sup>++</sup> and Tl<sup>+</sup>. The paper is mainly mathematical in its treatment, but the equations derived are illustrated by use of the data collected from the polarograms of  $4.0 \times 10^{-4} N$   $TiNO_4$  and  $4.0 \times 10^{-4} N$  Pb acetate in 0.1 N KCl as supporting electrolyte. D. G. Higgs

(2)

Spud  
CIA

Weber, O.A.

**Polarographic determination of uranium in blood**  
V. Valic and O. A. Weber  
(Inst. med. istraživanja ije. akademije  
Zagreb, Jugoslavija)

(Inst. med. istraživanja ije. akademije  
Zagreb, Jugoslavija)  
Arhiv Kem. 27, 53-57 (1955) in D  
English). — After heating blood with  $HNO_3$  and  $H_2O_2$ , a 5-ml. sample is transferred to a 100-ml. Kjeldahl flask and 15-20 ml. of concd.  $HNO_3$  are added in portions of 5 ml., gently heating the mixt. on an electrically heated air bath, the contents being evapd. to dryness after each addn. until a clear, colorless, acid soln. is obtained. Ten ml. of 30%  $H_2O_2$  is then added. The flask is again put on the air bath and heated to boiling. The soln. is evapd., heated with a small amt. of redistd.  $H_2O$  until all sol. matter is dissolved, and then extd. with about 8 ml. of tetrahydrofuran (I). (1)  
for 2 hrs. in a microexractor. The resinous product formed during extn. at elevated temps. is destroyed with  $HNO_3$  and  $H_2O_2$  as described before, great care being taken to evap. the last traces of I before adding  $HNO_3$ . The residue is transferred to a crucible, evapd. on a water bath, and ignited at nearly red heat in an elec. oven. After cooling, a small amt. of dil.  $H_2SO_4$  is added into the crucible, and the latter is heated over a water bath until all  $H_2O$  has evapd. The residue is then dissolved gradually in 500 microliters of the supporting electrolyte contg. salicylic acid 0.10, thymol 0.009, and  $H_2SO_4$  0.4% by vol. having in mind that the percentage content of the latter includes the amt. of  $H_2SO_4$  added before. O is displaced by bubbling H through the soln. for 10 min. prior to the detn. H is purified by passing it through a satd. soln. of pyrogallol in NaOH. The wave height is measured by the point method. In two parallel detns. the standard error is  $\pm 10 \gamma 1/100$  ml. blood.

N. Plavšić

Amil  
MIT

YUGOSLAVIA / Physical Chemistry. Molecule. Chemical B-4  
Bond.

Abs Jour: Ref Zhur-Khimiya, No 2, 1959, 3564.

Author : Weber, O. A. and Vouk, V. B.

Inst : Not given.

Title : On the Molecular Extinction Coefficient of  
Dithizone and of Lead Dithizonate in  $CCl_4$ .

Orig Pub: Bull Scient Conseil Acad RPFY, 3, No 2, 52  
(1956) (in German).

Abstract: The extinction coefficients of solutions of dith-  
azone (I) and of lead dithizonate (II) in  $CCl_4$   
have been measured. The measurements were made  
at  $\lambda$  (max) 620 and 520m  $\mu$ . Values of  $\epsilon$  I =  
 $3.64 \cdot 10^4$  and  $\epsilon$  II =  $7.29 \cdot 10^4$  were obtained.  
-- V. Koryazhkin.

Card 1/1

WEBER, O.A.

YUGOSLAVIA/Analytical Chemistry - Analysis of Inorganic  
Substances.

E-2

Abs Jour : Ref Zhur - Khimiya, No 8, 1958, 24777

Author : Weber, O.A.

Inst : -

Title : Note on Polarographic Determination of Small Amounts of  
Lead.

Orig Pub : Croat. chem. acta, 1957, 29, No 2, 73-77

Abstract : Description of characteristics of a new background elec-  
trolyte (0.5 N aqueous solution of succinic acid contain-  
ing 0.008% gelatin) suitable for polarographic determi-  
nation of small amounts of Pb (about 1  $\mu$ /ml). It was  
ascertained that under the conditions of utilization of  
this background there takes place, at the Hg-cathode, a  
reversible reduction of  $Pb^{2+}$  to metallic Pb.

Card 1/1

4

WEBER, O.A.

"A continuous electrophoretic separation of the radioactive mixture  
115Cd-124In" by [Institut "R.Boskovic", Zagreb] Z. Konrad-Jakovac  
and Z.Pucar. Reviewed by O.A.Weber. Bul so Youg 7 no.3:73 Je  
'62.

WEBER, O.A.

"The behavior of the system: gelatin-ferric chloride-neutral electrolyte-hydrochloric acid or sodium hydroxide in an aqueous medium" by [Fizicko-kemijski institut Prirodoslovno-matematskog fakulteta, Zagreb] R. H. H. Wolf and B. Tezak. Pt. 2 & 3. Reviewed by O.A. Weber. Bul sc Youg 7 no.3:73, 74 Je '62.

1. Rédacteur d'extraits, "Bulletin scientifique."

WEBER, O.A.

"Some additional light scattering functions for polystyrene latexes"  
by [Fizicko-kemijski institut Prirodoslovno-matematičkog fakulteta i  
Zavod za primenjenu biokemiiju Skole narodnog zdravlja "A.Stampar",  
Medicinski fakultet, Zagreb] Gj. Dželic. Reviewed by O.A.Weber.  
Bul sc Youg 7 no.3:74 Je '62.

WEBER, O.A.

"Decomposition of hexacyanoferrate (II) in analysis. VII. New spot test for palladium" by [Zavod za analiticku kemiju, Tehnoloski fakultet, Zagreb] I.Kraljic. Reviewed by O.A.Weber. Bul sc Young 7 no.3:74 Je '62.

WEBER, O.A.

"Oxydative degradation of ethyl aroyl-pyruvates with lead tetraacetate" by [Zavod za kemiju Prirodoslovno-matematičkog fakulteta, Skopje] J. Janculev and B. Podolesov. Reviewed by O.A. Weber. Bul. na Youg 7 no.3:74 Je '62.

WEBER, O.A.

"Secondary hydrogen isotopes effects" by [Institut "R.Boskovic",  
Zagreb] S.Borcic, V.Belanic-Lipovac, and D.E.Sunko. Pt. 3.  
Reviewed by O.A.Weber. Bul se Youg 7 no.3:74 Je '62.

WEBER, O.A.

"Studies in the propiothiolactone series. III." by [Farmaceutski fakultet, Zagreb, i Istrazivacki laboratorij "Pliva", Zagreb] M.Dadic, D.Fles, and A.Markovac-Prpic. Reviewed by O.A.Weber. Bul sc Youg 7 no.3:75 Je '62.

WEBER, O.A.

"The application of total decomposition of potassium hexacyanoferrate (II) in quantitative analysis. II. Photometric determination of microamounts of gold" by [Zavod za kemiju, Medicinski fakultet, Zagreb] V.Karas-Gasparic and T.Pinter. Reviewed by O.A.Weber. Bul so Young 7 no.3:75 Je '62.

WEBER, O.A.

"A miniature laboratory apparatus for growing single crystals from solutions" by [Institut "R. Boskovic", Zagreb]. Reviewed by O. A. Weber. Bul sc Youg 7 no.3:75 Je '62.

WEBER, O.A.

"G matrix for tetrahedral  $X_4Y_4$  molecules" by [Institut "R.Boskovic",  
Zagreb] M.Randic, and P.Colic. Reviewed by O.A.Weber. Bul sc  
Yug. 7 no.3:76 Je '62.

WEBER, O.A.

"Heterogeneous exchange of precipitates. IV" by [Institut "R. Boskovic"  
1 Fiziko-kemijski institut Prirodoslovno-matematičkog fakulteta,  
Zagreb] M.Mirnik, and R.Despotovic. Reviewed by O.A.Weber. Bul  
sc Youg 7 no.3:76 Je '62.

WEBER, O.A.

"Studies on 4-pyrone and 4-pyridones. I." by [Zavod za organsku  
kemiju Tehnoloskog fakulteta, Zagreb] V.Hahn, and S.Kukolja.  
Reviewed by O.A.Weber. Bul sc Youg 7 no.3:76 Je '62.

WEBER, O.A.

"Infrared spectra of anthracene crystal. Symmetry of fundamental vibrations" by [Institut "R. Boskovic", Zagreb] L. Colombo.  
Reviewed by O.A. Weber. Bul sc Youg 7 no.3:76 Je '62.

WEBER, O.A.

"Electrochemical reduction of uranium (VI) to uranium (IV) in  
carbonate solutions" by [Institut "R. Boskovic", Zagreb] V.Pravdic,  
M.Branica, and Z.Pucar. Reviewed by O.A.Weber. Bul sc Youg 7  
no.3:76 Je '62.

WEBER, Rudolf

Use of transductors in heavy-current engineering. Elektrotechnik  
18 no. 12:363 D '63.

1. Kablo Kladno, n.p., zavod Kablo Decin.

WEBER, S.

How we improved statistical reporting in forestry. p. 20

LAS POLSKI. (Ministerstwo Lesnictwa oraz Stowarzyszenie Naukowo-Techniczne  
Inżynierów i Techników Lesnictwa i Drzewnictwa) Warszawa, Poland. Vol. 29,  
no. 1, Jan. 1955

Monthly list of East European Acquisitions (EEAI) LC, Vol. 9, no. 2, Feb. 1960

Uncl.

*WEBER, V.*

SDELOVACI TECHNIKA (Communication Engineering, Czechoslovakia)  
Vol 2, No. 10, October, 1954

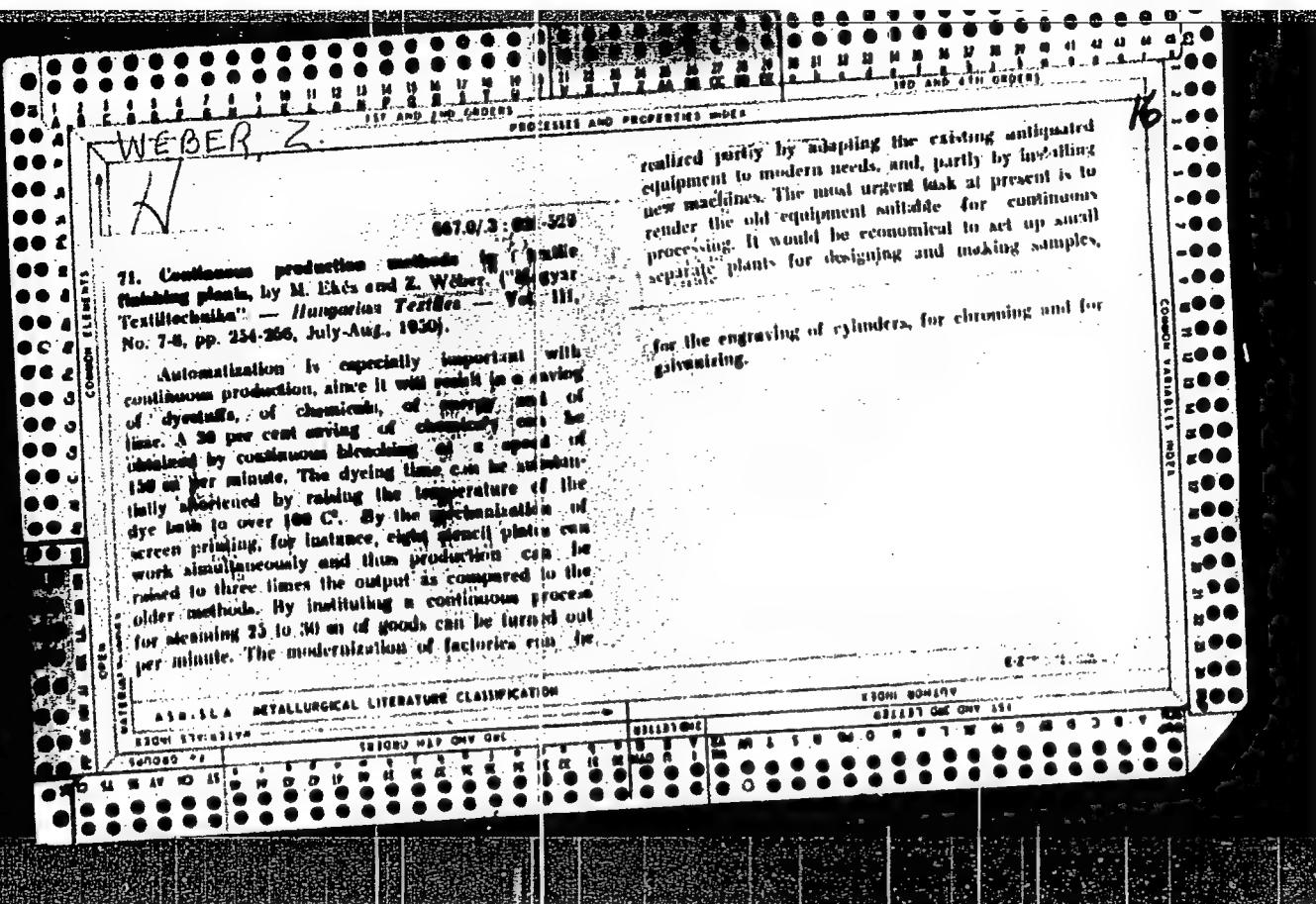
Properties of Czech-produced ceramic condensers.

Electrical properties and application of four types of the condensers are reviewed. Type A has a dielectric constant of 6.5 and an insulation resistance of  $10^{12}$  ohms, the dielectric constants of types B, U and H being 20, 90 and 1,000-4,000, respectively. The insulation resistance of the B, U and H is  $10^{11}$  ohms.

By V. Weber

.....303-305

*3*



WEBER, Zdenek promovany 1.6.64

"Semic conductor elements and their use" edited by L. Fedotov. Reviewed by Zdenek Weber. Slaboproudý obzor 25 no.12; Suppl: Technicka literatura 25 no.12; L89 '64.

WEBER, Z., promovany fyzik

Supersonic range finder. Geod kart obzor 11 no.3:62 Mr '65.

Electronic theodolite. Ibid.:69

KITTMAR, Erik, MUDr.; ~~WITERSCHINKE~~, Jiri; Stechnickou spolupraci  
M. Konigove a A. Prikopova.

Kahn's universal reaction in investigations of nonspecific  
positive syphilis. Cesk. derm. 30 no.6:328-334 Dec 55.

1. Z ustredu vojenske nemocnice.

(SYPHILIS, diagnosis,  
serol., Kahn's universal reaction in nonspecific  
positive cases)

KITNAR, Erik; SVEJCAR, Jan; WEBERSCHINKE, Jiri

Serodiagnosis with living and killed Treponema antigens. I. Isolation and cultivation of pathogenic strains of Treponema pallidum in animals. Cas. lek. cesk. 97 no. 12:376-380 21 Mar 58.

1. Vojenski ustav hygiény epidemiologie a mikrobiologie.

(TREPONEMA PALLIDUM,  
isolation & preserv. in rabbits of pathogenic strains for  
serodiag. (Cz))

KITTMAR, Erik; VLASAK, Zdenek; WEBERSCHINKE, Jiri

A new specific reaction in serodiagnosis of syphilis. Cas. lek. cesk. 99:1257-1258 23 8 '60.

1. Ustav ser a ockovacich latek, Praha, reditel dr. Jiri Malek,  
Vojensky ustav hygieny, epidemiologie, mikrobiologie, Praha,  
nacelnik dr. Zdenek Vlasal.  
(SYPHILIS diag)

KITNAR, E.; VLASAK, Z.; WEBERSCHINKE, J.

Demonstration of specific antibodies against *Treponema pallidum* in an animal test. *J. hyg. epidem.*, Praha 5 no.2:241-247 '61.

1. Institute of Sera and Vaccines, Prague Military Institute of Hygiene, Epidemiology and Microbiology, Prague.

(TREPONEMAL INFECTIONS immunol)

WEBERSCHINKE, J.; KITTNAR, E.

Treponema pallidum immobilization test under aerobic conditions  
and in a simple medium. J. hyg. epidem., Praha 7 no.4:415-421  
'63.

1. Military Institute of Hygiene, Epidemiology and Microbiology  
and Institute of Sera and Vaccines, Prague.

KAHLICH, R.; WEBERSHINKE, J.

Contribution to the incidence and evaluation of Citrobacter in man.  
Cesk. epidem. 12 no.1:55-64 Ja '63.

1. Vojensky ustav hygieny, epidemiologie a mikrobiologie v Praze.  
(**ESCHERICHIA**)      (**ENTEROCOLITIS**)      (**SALMONELLA INFECTIONS**)  
(**DISENTERY**)      (**BACILLARY**)      (**DYSPEPSIA**)

TETER, Jerzy; SZYSZKOWSKA, Izabela; WECEWICZ, Grażyna

The loss of endometrial reactivity in postpartum pituitary insufficiency. Ginek. pol. 35 no.1:65-71 Ja-F'64

1. Z I Kliniki Polonictwa i Chorob Kobiecych AM w Warszawie;  
kierownik: prof.dr.med. T.Bulski.

BOCZKOWSKI, Krzysztof; TETER, Jerzy, doc. dr.; WEGEWIGZ, Grzegorz;  
MACKIEWICZ, Krystyna,

A case of Turner's syndrome with normal feminine karyotype 46/XX.  
Endokr. Pol. 16 no.2:133-139 Mr-Ap'65.

1. I Klinika Polonistw. i Chorob Kobiecych Akademii Medycznej  
w Warszawie (Kierowniki: prof. dr. T. Balski) i Oddział Endo-  
krynologii (Kierowniki: doc. dr. J. Teter).

6  
CIEKAWOŚĆ

TERLIK, Jerzy; WĘCZMICKA, Grzegorz

Pituitary insufficiency following labor. Ginekologia 26 no.3:351-363  
July-Sept. '55.

1. Z I Kliniki Chorób Kobietych i Położnictwa A.M. w Warszawie.  
Kierownik: prof. dr A. Czyżewicz, i z Centralnej Poradni Ochrony  
Macierzyństwa i Zdrowia Dziecka w Warszawie. Kierownik: doc. dr.  
T. Bulski.

(PUMPERNICKEL, complications,  
Simmonds' dis.)

(SIMMONDS' DISEASES,  
postpartum)

WECHWICZ, Grazyna

Severe dysmenorrhea treated with hormones; findings on the action of stilbestrol & methyltestosterone. Gin. polska 29 no.2:225-232 Mar-Apr 58.

1. Z Poradni Endokrynologicznej dla Kobiet w Warszawie Kierownik: doc. dr med. J. Teter.

(DYSMENORRHEA, ther.

stilbestrol & methyltestosterone, case report (Pol))

(DIETHYLSTILBESTROL, ther. use

dysmenorrhea, case report (Pol))

(TESTOSTERONE, ther. use

methyltestosterone with diethylstilbestrol in severe dysmenorrhea, case report (Pol))

WECEWICZ, Grazyna; NADWORNY, Jerzy

Syneopen therapy of pruritus vulvae. Polski tygod. lek. 16 no.6:  
212-213 6 F '61.

l. z Peradni Endokrynolegicznej w Warszawie; kierownik: doc. dr  
med. J. Teter.

(ANTIHISTAMINICS ther) (PRURITUS ther)  
(VULVA dis)

TERTER, J.; WECEWICZ, G.

Comparative clinico-pathological and chromatin sex studies in  
26 cases of gonadal dysgenesis with female phenotype. Folia biol  
10 no.3/4:319-320 '62.

1. I Clinic of Obstetrics and Gynecology, Medical Academy, Warsaw.

POLAND

J. TETER and G. WCEWICK, First Clinic of Obstetrics and Gynecology, Medical Academy [original version not given], Warsaw.

"Comparative Clinico-Pathological and Chromatin Sex Studies in 26 Cases of Gonadal Dysgenesis with Female Phenotype."

Krakow, Folia Biologica, Vol 10, No 3-4, 1962; pp 22-23.

Abstract [English article]: Condensed version of paper presented at the symposium on human genetics Warsaw January 1962. Histologic pattern in 12 cases of Turner syndrome and 14 eunuchoidal gonadal dysgenesis was essentially identical; involving gonadal aplasia, good cortex and medulla with clumps of Leydig cells, some rudimentary seminiferous tubules and mesonephric remnants, with primordial follicles in cortical part. Male sex chromatin in 19, female in 4. Chromatin negative (male) cases of Turner syndrome have 45 chromosomes, XX. Eunuchoidal gonadal dysgenesis without associated circulatory, skeletal or other anomalies, usually 46 chromosomes but one X chromosome may be fragmented.

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WECEWICZ, Grazyna; SADOWSKI, Janusz; GUSTOWSKI, Andrzej; BOCZKOWSKI,  
Krzysztof

Primary amenorrhea related to tumor of the pituitary gland  
(Report of 4 cases). Endokr. Pol. 15 no.3:309-319 Ny-Je '64

1. I Klinika Poloznictwa i Chorob Kobiecych Akademii medycznej  
w Warszawie (Kierownik: prof. dr. T. Bulski); Oddzial Endokry-  
nologiczny (Kierownik: doc. dr. J. Teter) oraz I Klinika Chorob  
Wewnetrznych Akademii Medycznej w Warszawie (Kierownik: prof.  
dr. A. Biernacki [deceased]).

WECEWICZ, Grazyna; BOCZKOWSKI, Krzysztof

Comparative investigations of sex chromatin and chromosome patterns in cases of primary amenorrhea. Ginek. Pol. 36 no.3: 285-291 Mr '65.

1. Z I Kliniki Poloznictwa i Chorob Kobiecych AM w Warszawie  
(Kierownik: prof. dr. med. T. Bulski).

Wechsler, H.

RUMANIA/Organic Chemistry. Organic Synthesis.

G-2

Abs Jour : Ref Zhur-Khimiya, No 9, 1959, 31323

Author : Arventiev, B., Strul, M., Wechsler, H.,  
Cahane, D.

Inst : -  
Title : Synthesis and Study of Some Derivatives of  
Arylrhiooures. V. Methyl- and Halogen-  $\alpha$ -  
-Naphthylthioureas.

Orig Pub : Studii si certetari chim., 1957, 5, No 4,  
611-617

Abstract : Continuing the earlier work (report IV,  
Ref Zhur-Khimiya, 1958, 50312), and with a  
view to study the effect of various substi-  
tuents on the toxicity of  $\alpha$ -naphthylthio-  
urea (I), the following was synthesized:

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RUMANIA/Organic Chemistry. Organic Synthesis.

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Abs Jour : Ref Zhur-Khimiya, No 9, 1959, 31323

2-methyl-I (II), 4-chloro-I (III), 8-chloro-I (IV), 4-bromo-I (V) and 5-bromo-I (VI). V was obtained by hydrolyzing N-benzoyl-N'-*-(4-bromo- $\alpha$ -naphthyl)-thiourea (VII). II to IV and VI were synthesized by described methods of heating the hydrochlorides (HCl)s of corresponding amines with NH<sub>4</sub>CNS in glacial CH<sub>3</sub>COOH. N,N'-di-(2-methyl- $\alpha$ -naphthyl)-thiourea (VIII) and N,N'-di-(8-chloro- $\alpha$ -naphthyl)-thiourea (IX) were obtained also. III to V proved to be very toxic to white rats; it was found that II is more toxic than I. II was prepared from 2 g of 2-methyl- $\alpha$ -naphthylamine hydrochloride (X) and 0.9 g of NH<sub>4</sub>CNS (XI) in 5 ml of glacial CH<sub>3</sub>COOH (heat-*

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RUMANIA/Organic Chemistry. Organic Synthesis.

G-2

Abs Jour : Ref Zhur Khimiya, No 9, 1959, 31323

ting for 4 hours in a water bath), yield 81 percent, melt. p. 196-197° (from water). 2 g of X was added to the solution of 0.6 g of KOH in 30 ml of alcohol, the mixture was filtered, 0.5 ml of CS<sub>2</sub> was added to the filtrate which was heated in a water bath for 8 hours, and VIII was filtered off, yield 66 percent, melt. p. 225° (from glacial CH<sub>3</sub>COOH). The substances, the yield in percent and the melting points in °C are presented: III, 87, 205 (from toluene); IV, 82, 184-185 (from toluene); VI, 48, 219-220 (from alc.). [Repetition in the original] 2 g of X was added to the solution of 0.6 g of KOH in 30 ml of alcohol, the mixture was

Card : 3/5

RUMANIA/Organic Chemistry. Organic Synthesis.

G-2

Abs Jour : Ref Zhur-Khimiya, No 9, 1959, 31323

filtered, 0.5 ml of CS<sub>2</sub> was added to the filtrate which was heated in a water bath for 8 hours, and VIII was filtered off, yield 66 percent, melt. p. 225° (from glacial CH<sub>3</sub>COOH).] IX, melt. p. 186-187° (from alc.), was prepared from 1.8 g of 8-chloro- $\alpha$ -naphthylamine hydrochloride, 3 g of KOH, 0.5 ml of CS<sub>2</sub> and 7 ml of alcohol in a similar way (heating for 10 hours). The mixture of 1.2 g of XI and 2.1 g of C<sub>6</sub>H<sub>5</sub>COCl in 6 ml of abs. acetone was heated in a water bath for 5 min., after which the solution of 3.3 g of 4-bromo- $\alpha$ -naphthylamine in 7 ml of absolute acetone was added and the mixture was heated

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RUMANIA/Organic Chemistry. Organic Synthesis.

G-2

Abs Jour : Ref Zhur-Khimiya, No 9, 1959, 31323

again for 15 min, VII was filtered off, yield 87 percent, melt. p. 181-182° (from toluene). V was prepared by boiling (20 min) 1 g of VII in 5 percent aqueous solution of KOH, yield 66 percent, melt. p. 199° (from toluene). -- A. Marin

Card : 5/5

WECHSLER, P., ing.

Rolling mill automation. Metalurgia constr mas 15 no.8:512-516

Ag '63.

1. Institutul de proiectari de laminoare.

VRBICKY, B.; WECKER, K.

Methods of dewatering detritus in the Ostrava-Karvina coal basin. Vysl ban vyzk 3:137-145 '64.

1. Institute of Mining, Czechoslovak Academy of Sciences, Prague (for Vrbicky). 2. Degasification and Dewatering Plant of the Ostrava-Karvina Coal Basin.

WECROWICZ, H  
Effect of malleable iron  
Zhantsev, V. V., Vodovozov, M. I.  
and H. Weisz  
Reported in *Trans. Russ. Acad. Sci.*  
Replaced malleable iron by  
layers of iron and malleable  
iron. The average strength was  
not increased. The quality of the steel  
was improved by the malleable iron.

tion and brittleness. *Trans. Russ. Acad. Sci.*  
1954, No. 8, p. 271-281.

KOBIELOWA, Zofia; HORNIK, Norbert; WECLAWOWICZ, Janina

Anabolic value of steroids in the treatment of malnutrition  
states in children. Pediat. pol. 38 no.2:181-186 '63.

1. Z I Kliniki Chorob Dzieci AM w Krakowie Kierownik: prof. dr  
T. Giza.

(INFANT NUTRITION DISORDERS)  
(NORTESTOSTERONE)  
(ANABOLIC STEROIDS)

SYCH, Marek; PIECH, Andrzej; GLAZUR, Janina; MOROZ, Janusz;  
SZLEZINGER, Jozef; WECLAWOWICZ, Janusz; STEFANKO, Stanislaw;  
LADZINSKI, Kazimierz

Clinical and experimental studies on the use of fluothane in  
general anesthesia. Pol. przegl. chir. 35 no.10/11:1044-1048  
'63.

1. Z I Kliniki Chirurgicznej AM w Krakowie Kierownik: prof.  
dr J. Bogusz z Oddzialu Chirurgicznego Szpitala Wojskowego  
w Krakowie Ordynator: plk. dr A. Bielas z Pracowni Anatomo-  
patologicznej Szpitala Wojskowego w Krakowie Kierownik: mjr  
doc. dr S. Stefanko z Kliniki Neurochirurgicznej AM w Krakowie  
Kierownik: prof. dr A. Kunicki.

(ELECTROENCEPHALOGRAPHY)

(LEUKOCYTE COUNT)

(ELECTROCARDIOGRAPHY)

(EPINEPHRINE) (PHARMACOLOGY)

(BLOOD PRESSURE)

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L. Z. Kliniki Dziecięcej A. M. w Krakowie-Kierownik. prof. dr med T. Giza  
Oddz. Obserwac. Ordynator: prof dr med. W. Mikulowski. Adres autora:  
Krakow, ul Biskupia 8.

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Abs Jour: Ref Zhur-Khim., No 24, 1958, 82714.

Author : Jasinski T., Marcinkowska K., Weclawwska K.  
Inst :  
Title : The Titration in Non-Aqueous Media of Some Two-  
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Orig Pub: Acta Polon. pharmace., 1957, 15, No 4, 261-266.

Abstract: The analysis of pharmaceutical preparation of  
Antipyrinum Salicylicum type.

Card : 1/1

22

WECLEWSKA, M

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Dolinski W. Investigation of the Inner Surface of Coals  
by Dyestuff Adsorption MethodPowierzchnia wewnętrzna węgla metodą adsorpcji barwników  
Gł. Inst. Górn. No. 1301, Katowice, 1953, PTW, 26 pp., 12

tion) concerning the adsorption of certain organic dyestuffs  
out on 23 bituminous coals having a varying degree of  
according to the composition and structure of the coalifi-  
cation. It was ascertained that the cations of all basic  
dyestuffs are adsorbed on all coal ranks tested in a quantity  
that decreased as the coalification degree of coal increased.  
On the other hand, certain of the acid dyestuffs in which as was  
ascertained, both cations and anions are adsorbing, adsorbed on all  
coals; others - on the lower rank coals only, whereas still others failed  
to adsorb on any of the coals tested. Tests were carried out over the  
influence of mineral matter content in coal, grain size, temperature,  
associating with the dyestuff and other factors upon the ad-  
sorption. The magnitude and accuracy of measuring the specific surfaces  
of various types of coals were calculated from isotherms of methylene  
chloride. It was found that the results of these calculations  
correspond with the interpretation results of low-temperature  
adsorption isotherms for identical coals.

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Spectrophotometric analysis of  
alka. (Główny Inst. Górnictwa.  
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15 pp (1954) English summary).

Spectrophotometric analysis of coal ash. Maria Weewel-Szostakowol, Poland  
 (Główny Inst. Górnictwa, Warszawa, Poland). B. Komar, No. 163.  
 15 pp. (1954) (English summary).  
 The constituents of coal ash ( $\text{SiO}_2$ ,  $\text{Fe}_2\text{O}_3$ ,  $\text{Al}_2\text{O}_3$ ,  $\text{TiO}_2$ , and  $\text{P}_2\text{O}_5$ ) can be rapidly determined spectrophotometrically.  $\text{CaO}$  is determined by titration. Determination of  $\text{MgO}$  consists in spectrophotometric titration, with  $\text{P}$  which is combined with  $\text{MgO}$ . Two ash samples are taken; each is fused with a mixture of  $\text{Na}_2\text{CO}_3$  and  $\text{K}_2\text{CO}_3$ . In the 1st sample  $\text{SiO}_2$ ,  $\text{Fe}_2\text{O}_3$ ,  $\text{Al}_2\text{O}_3$ ,  $\text{TiO}_2$ , and  $\text{MgO}$  are determined, and in the 2nd one  $\text{P}_2\text{O}_5$ ,  $\text{CaO}$ , and  $\text{Na}_2\text{O}$  are determined. The whole analysis is completed within 14 hours, which is 2-3 times faster than the present conventional determinations. The accuracy is the same. A Coleman spectrophotometer Model 11a was used. Spectrophotometric curves are given. 24 references. F. J. Heindel.

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F. J. Heitdel

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CIA-RDP86-00513R001961510016-1"

Węcławski A. M.

6  
1-4E2c

✓ 1716. Polarographic determination of traces of metals in pure aluminum. M. Węcławski and M. Piechowski. Institute of Mining and Metallurgy, Warsaw, 1951. 1-4E2c  
The determination of traces of Zn, Pb, Cu, Fe and Mn is described. A soln. of the sample is saturated with  $\text{NH}_4\text{Cl}$  and used for the determination of Zn at -1.4 V and of Copper, Fe and Mn were determined in addition to the original soln. of gum acacia in the ratio 2:1; at -0.8 V respectively. Concentrations of these metals were determined by coupling with  $\text{Al}(\text{OH})_3$  and testing polarographically.

Węcławski and M. Piechowski. Institute of Mining and Metallurgy, Warsaw, 1951. 1-4E2c  
The determination of traces of Zn, Pb, Cu, Fe and Mn is described. A soln. of the sample is saturated with  $\text{NH}_4\text{Cl}$  and used for the determination of Zn at -1.4 V and of Copper, Fe and Mn were determined in addition to the original soln. of gum acacia in the ratio 2:1; at -0.8 V respectively. Concentrations of these metals were determined by coupling with  $\text{Al}(\text{OH})_3$  and testing polarographically.

R. P. Spork

OM

Węcławskiego, Mieczysław

Polarized light, determination of trace amounts of zinc, aluminum, Manganese, and Magnesium in aluminum salts (Katowice, Poland). Chem. Anal. 11, 120-31 (1930) (English summary). Zn and Pb directly in the original salt + soln. in HCl after  
 tannin, with  $\text{NiCl}_2$  and  $\text{Cu}_2\text{Fe}_3$  and  $\text{Mn}$  (in units of about 0.01%) + gum arabic + metalloc + solvating the salts with  $\text{NiCl}_2$ , glycerol, and  $\text{HCl}$  in the ratio 1:2:1. Lower concns. of these to be held, by seppg. them as hydroxides and redissolving in  $\text{HCl}$ . A. Kreglewski

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WĘCŁEWSKA, M.

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Polarographic determination of germanium in coal ash.  
Maria Węcłewska and Gertruda Popanda (Główny Inst. Chemii, Katowice, Poland). *Chem. Anal.*, 3, 889-92 (1958) (English summary).—A polarographic method for detg. Ge in coal ash contg. 0.5 mg./ml. and more is described (cf. Valenta and Zuman, *C.A.*, 49, 7417f; Cluley, *C.A.*, 45, 10125f). Puse about 0.6 g. of coal ash with 4 g. NaOH and about 0.5 g. Na<sub>2</sub>O<sub>2</sub> in a Ni crucible. Dissolve the alloy (product) in about 20 ml. H<sub>2</sub>O and neutralize with H<sub>2</sub>SO<sub>4</sub> (3:1). Add 1 vol. of concd. HCl (total vol. of soln. about 75 ml.). Distil off 1/3 vol. at 107-8° to the receiver contg. 10-15 ml. concd. NH<sub>3</sub>. To the distillate add NH<sub>3</sub> to pH 6 and fill with H<sub>2</sub>O to 50 ml. Take 10 ml. of soln., add 2 ml. of standard soln. (dissolve 58.4 g. of verenate in 2N NaOH, dil. to 1 l. with buffer contg. 50 g. K<sub>2</sub>HPO<sub>4</sub>/100 ml., dil. with 0.1N NaOH to pH 6.2, and adjusted to pH 7.8 with 2N NaOH), 0.5 ml. of gum arabic, and 1 drop NH<sub>3</sub> if pH <7.5. Begin polarographic detn. at 800 mv. Add Ge soln. contg. 0.1 mg./ml. in such amounts as will increase the height of the polarographic wave by 1/3 or 1/4. From 0.006 to 0.004% Ge can be detd. in coal ash. The results were compared with those obtained by spectrographic and spectrophotometric methods. Good agreement was obtained within 0.008-0.27% Ge.

Z. Kurtyka

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Monthly List of East European Accessions (EEAI) LC, Vol. 8, No. 8, August 1959

UNCL.

country	: POLAND
category	: Chemical Technology. Chemical Products and Their Uses. Part 3. Processing of Solid <sup>II</sup>
abs. jour.	: RZKhim., No. 1, 1960, No. 2361
author	: Roga, B.; Innatowicz, A.; Woclewska, M.; <sup>**</sup>
inst.	: Main Institute of Mining
title	: Study of Boron Content in Polish Coals
orig. pub.	: Prace Glown. inst. gorn., 1958, B, No. 212, 7 s., tabl.
abstract	: The B content in Polish coals (C) of different degrees of metamorphism was determined by spectrographic and spectrophotometric methods. It was established that the enrichment of C in difficult media and conditions, excluding secondary contamination, leads to a decrease #Fossil Fuels **Innatowicz, M.
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Acta chir. orthop. trauma. Cech. 28 no.2:133-138 Ap '62.

1. Okresni transfuzni stanice, Klatovy, predn. D.Bufkova, OUNZ  
Klatovy. (BURNS ther) (BLOOD)

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Gzas. stomat. 18 no.4:377-381 Ap'65.

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Country : POLAND  
Category : General Biology.  
Abs. Jour : Individual Development. Fertilization. B  
Abs. Jour : RZhBiol., No. 3, 1959, No 9669  
Author : Chwirko, A.; Wedrjchowicz, St.  
Institut. :  
Title : A Primigravida Abdominal Bigeminal Pregnancy  
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Orig. Pub. : Med. weteryn., 1955, 11, No 12, 736-738  
Abstract : No abstract.

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POLAND/General Problems of Pathology. Tumors. Experimental Therapy.

U-4

Abs Jour : Ref Zhur - Biol., No 20, 1958, No 93960

Authors : Chwojnowski, A.; Wedrychowicz, St.

Inst : Not given

Title : Pathological and Anatomical Casuistry of Skin Tumors of the Goose!

Orig Pub : Med. weteryn., 1955, 12, No. 14, 233

Abstract : No abstract given

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p. 7 (Rolnik Spoldzielca. Vol. 9 (i.e. 10) no. 13, Mar. 1957. Warszaw, Poland)

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Uncl.

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June 1959  
Unci.

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Department of Specialized Investigations; its scientific activities.  
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Corrections and remarks on J.Haligowski and E.Romanowicz's article  
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